

Abstract of the Invention

The invention relates to a deep-rolling roller head (1) of a deep rolling tool with deep-rolling rollers (2) that are rotatably mounted in roller cages (3) and are at a distance (4) from the center (5) of the underside (6) of the housing (7) of the deep-rolling roller head (1) and are supported on the front (8) at the end of the long leg (9) of two L-shaped holding devices (11) that can be adjusted and fixed in the direction of the center (5). A first screw (13) enters an oblong hole (12) in each long leg (9) to hold the L-shaped holding device (11) on the underside of the housing (7) while a second screw (14) passes through a bore (15) in each short leg (10) and enters a bore (26) in the adjoining front (21) of the housing (7), being provided in order to adjust the precise position of the roller cage (3) relative to the center (5). With the L-shaped holding device (11) shown on the left half of the drawing the front (25) adjoining the underside (6) is at a predetermined first distance (18) from the center (5) over a segment (17) of its length. The appertaining short leg (10) is supported over a segment of its inside on the segment (17) of the housing (7). The front (8) of the appertaining long leg (9) is at a predetermined distance (17) from the segment (17).

Fig. 1 applies for the Abstract of the Invention